



July 7, 2016

**VIA ECFS**

Ms. Marlene Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, SW  
Washington, D.C. 20554

**Re: Notice of Oral *Ex Parte* - Use of Spectrum Bands Above 24 GHz For Mobile Radio Services, GN Docket No. 14-177**

Dear Ms. Dortch:

On July 6, 2016, representatives of the Satellite Industry Association (“SIA”)<sup>1</sup> met with Mr. Brendan Carr, Legal Advisor for Commissioner Pai, to discuss the above referenced proceeding.

The discussion followed the attached SIA talking points on: co-primary status of satellite services in the 28 GHz band, concern over aggregate interference potential and adequate protections for space stations, encouraging flexibility in earth station receive-only locations in the 37/39 GHz band, and offering a logical solution to pending and new

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<sup>1</sup> SIA is a U.S.-based trade association providing representation of the leading satellite operators, service providers, manufacturers, launch services providers, and ground equipment suppliers. Since its creation twenty years ago, SIA has advocated on behalf of the U.S. satellite industry on policy, regulatory, and legislative issues affecting the satellite business. SIA Executive Members include: The Boeing Company; DIRECTV; EchoStar Corporation; Intelsat S.A.; Iridium Communications Inc.; Kratos Defense & Security Solutions; Ligado Networks; Lockheed Martin Corporation; Northrop Grumman Corporation; OneWeb; SES Americom, Inc.; Space Exploration Technologies Corp.; SSL; and ViaSat, Inc. SIA Associate Members include: ABS US Corp.; Artel, LLC; COMSAT Inc.; DigitalGlobe Inc.; DRS Technologies, Inc.; Eutelsat America Corp.; Global Eagle Entertainment; Glowlink Communications Technology, Inc.; Hughes; iDirect Government Technologies; Inmarsat, Inc.; Kymeta Corporation; O3b Limited; Panasonic Avionics Corporation; Planet Labs Inc.; TeleCommunication Systems, Inc.; Telesat Canada; TrustComm, Inc.; Ultisat, Inc.; and XTAR, LLC.

applications prior to the R&O date as well as applications filed after the R&O, connected with existing or planned satellites.

Multiple billions of dollars have been invested in end-to-end satellite networks in the Ka-band to leverage long wavelengths, increase propagation, and thereby enabling high throughput capacity and broadband speeds that the U.S. public, enterprises, and government require access to, regardless of their location. The 28 GHz band enables contiguous, global harmonization of satellite systems and has a flexible international regulatory framework. The result is a unique and incredibly valuable band for all FSS operators and their customers. Today, there exist approximately two million residential subscribers using competitive satellite broadband service in the U.S. and one million devices per month connecting to broadband in-flight. The 28 GHz band is an essential element of current and future satellite capability.

Attending on behalf of SIA were: Tom Stroup (SIA), Charity Weeden (SIA) Mariah Shuman (O3b), Scott Kotler (Lockheed Martin), Thomas Tycz (Goldberg, Godles, Wiener & Wright, LLP for Iridium), Raquel Noriega (DIRECTV), Bill Wiltshire (Harris, Wiltshire & Grannis for Echostar), Ethan Lucarelli (Inmarsat), Elizabeth Park (Latham & Watkins, LLP for ViaSat), Cynthia Grady (Intelsat), and Alex Epshteyn (Boeing).

Respectfully submitted,

**SATELLITE INDUSTRY ASSOCIATION**

By: /s/ Tom Stroup

Tom Stroup  
President  
1200 18<sup>th</sup> Street, N.W., Suite 1001  
Washington, D.C. 20036  
(202) 503-1560

Cc:  
Mr. Brendan Carr, FCC